

ABSTRACT

A method of recalibrating a Global Positioning System (GPS) receiver includes applying a first control signal to an oscillator for generation of an oscillator signal having an initial frequency and determining if an indicator of correct oscillator output frequency is present at the initial frequency. If an indicator of correct oscillator output frequency is not present, then iterative steps are followed until an indicator of correct oscillator output frequency is found. The iterative steps include: applying a new adjusted control signal to the oscillator for generation of a new frequency; determining whether an indicator of correct oscillator frequency is present; and if an indicator of correct oscillator output frequency is present with the oscillator having the new frequency, storing said adjusted control signal. If an indicator of correct oscillator frequency is present with the oscillator output signal having said initial frequency, then storing said initial control signal.